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## PLAGUE-PREVENTION WORK.

### PLAGUE-INFECTED GROUND SQUIRRELS FOUND IN CALIFORNIA.

During the week ended October 14, 1911, the finding of 5 plague-infected ground squirrels was reported as follows: In Alameda County, Cal., October 9, at E. M. O'Brien ranch, 4 miles east of Fruitvale, 2 squirrels, and at S. E. Hewston ranch, 4 miles east of Fruitvale, 3 squirrels.

### DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay, 6,159 acres of land in Alameda County were covered with poison during the week ended October 14, 1911.

During the same period 4,100 acres of land in San Joaquin County and 1,460 acres in Stanislaus County were covered with poison for the purpose of eradicating plague foci.

### Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Aug. 9, 1911.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 27, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.	Oct. 9, 1911.....	113 squirrels and 1 wood rat.
Contra Costa.....	July 21, 1911.....	None.....	Sept. 23, 1911.....	364 squirrels.
Merced.....	None.....	do.....	July 13, 1911.....	5 squirrels.
Monterey.....	do.....	do.....	Aug. 6, 1911.....	5 squirrels.
San Benito.....	June 5, 1910.....	do.....	June 8, 1911.....	22 squirrels.
San Joaquin.....	Sept. 18, 1911.....	do.....	Aug. 26, 1911.....	18 squirrels.
San Luis Obispo.....	None.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	June 2, 1911.....	13 squirrels.
Washington:				
City—				
Seattle.....	Oct. 30, 1907.....	Sept. 21, 1911.....	None.....	25 rats.

**Rats Collected and Examined for Plague Infection.**

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Oct. 14	.....	1 105	67	.....
Oakland.....	do.....	33	2 586	471	.....
San Francisco.....	do.....	26	3 1,644	1,165	.....
County—					
San Joaquin.....	do.....		4 72	72	.....
Washington:					
City—					
Seattle.....	do.....		961	125	.....

<sup>1</sup> Identified: *Mus norvegicus* 83, *Mus musculus* 22.

<sup>2</sup> Identified: *Mus norvegicus* 526, *Mus musculus* 66.

<sup>3</sup> Identified: *Mus norvegicus* 949, *Mus musculus* 359, *Mus rattus* 219, *Mus alexandrinus* 117.

<sup>4</sup> Identified: *Mus musculus* 9, *Mus alexandrinus* 63.

**Squirrels Collected and Examined for Plague Infection.**

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Oct. 14	62	47	109	5
Butte.....	do.....	59		59	.....
Colusa.....	do.....	40		16	.....
Glenn.....	do.....	83		38	.....
Kern.....	do.....	31		31	.....
Lake.....	do.....	71		66	.....
Merced.....	do.....	114		84	.....
San Benito.....	do.....	78		78	.....
San Joaquin.....	do.....	77	20	72	.....
Shasta.....	do.....	11		11	.....
Sonoma.....	do.....	21		21	.....
Stanislaus.....	do.....	53		53	.....
Yolo.....	do.....	86		41	.....
Total.....		786	67	679	5

**Other Animals Collected and Examined.**

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Oct. 14	1 chipmunk.....	1	.....
Counties—				
Kern.....	do.....	1 rabbit.....	1	.....
Merced.....	do.....	6 rabbits.....	5	.....
San Benito.....	do.....	1 rabbit.....	1	.....
San Joaquin.....	do.....	6 rabbits.....	5	.....
Stanislaus.....	do.....	1 rabbit.....	1	.....
Total.....			14	.....